BARTON-UPON-IRWELL

RURAL DISTRICT COUNCIL.

ANNUAL REPORT

FOR 1908.

BY

ALBERT EDWARD BERRY, M.D. (Lond.),
(Medical Officer of Health),

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MEDICAL OFFICER'S REPORT.

PATRICROFT,

February 10th, 1909.

To the Barton-upon-Irwell Rural District Council.

GENTLEMEN,

I have the honour of submitting to you my Ninth Annual Report on the health and sanitary condition of your district for the year 1908.

AREA AND POPULATION.

The acreage and population of the several Townships in the district for the year 1908 are as follows:—

TOWNSHIP	Area in Acres	Population, 1901	Estimated Population, 1908
Barton Moss	1407	234	234
Davyhulme	2701	1231	1400
Flixton	1564	3656	4390
Clifton	1193	2947	3126
Whole District	6865	8068	9150

BIRTHS.

The number of births registered during the year was 189, or 52 less than in the previous year; and the birth rate for the year was 20 per 1,000 population. The average birth rate for the previous ten years was 25. The birth rate is a low one.

Since 1891 there has been a continuous falling of the County birth rate. Statistics for the whole of England and Wales show the age of women at marriage is steadily rising, and especially between 15 and 25 years of age, when the fecundity of the female attains its maximum. On this account there is, as might be expected, a declining birth rate. In addition, one is bound to recognise the effects of expedients now so extensively used for preventing conception, &c.

Low birth rates not infrequently mean better developed and healthier children, with greater probability of being reared by good nursing and healthy surroundings.

The infant mortality for your district is a low one, the death rate for children under one year of age being 100 to 1,000 births, as compared with 125 for the County of Lancaster.

The sex of the children born and the birth rate of the several Townships are given in the following Table :—

Township	Males	Females	Total	Birth Rate
Barton Moss	2	2	4	17
Davyhulme	17	18	35	25
Flixton	43	49	92	20
Clifton	26	32	58	18
Whole District	88	101	189	20

DEATHS.

The number of deaths registered during the year was 128, or one more than in the previous year. The death rate for the year was 14 per thousand living. Five deaths of residents dying in hospitals outside the district are included in the deaths. The death rate of 14 is the same as last year.

The following Table shows the sex of the persons dying, and the death rates in the different localities of the district:—

Township	Males	Females	Total	Death Rate
Barton Moss	1	2	3	12
Davyhulme	7	8	15	10
Flixton	25	40	65	14
Clifton	18	27	45	14
Whole District	51	77	128	14

INFANT MORTALITY.

Nineteen deaths of children under one year of age were registered, giving a death rate for children under one year of age of 100 to 1,000 births, as compared with 125 for the County of Lancaster.

This is a low infant mortality, the average for the previous ten years being 116.

The following Table shows the number of deaths from all causes: the seven principal infectious diseases, viz., small-pox, measles, scarlet fever, diphtheria and membranous croup, whooping cough, "fever," and diarrhœa; from phthisis and respiratory diseases, with the rates per thousand population of each Township in the district:—

Township	All Causes		Infectious Diseases		Phthisis		Respiratory Diseases	
	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate
Barton Moss	3	12	—	—	—	—	1	4
Davyhulme	15	10	2	1·4	—	—	—	—
Flixton	65	14	4	·9	1	·2	9	2
Clifton	45	14	5	1·5	3	·9	8	2
Whole District	128	14	11	1·2	4	·4	18	1·9

Respiratory diseases, comprising bronchitis, pneumonia, and pleurisy gave rise to 18 deaths, against 26 in 1907, and 16 in 1906. Phthisis gave rise to 4 deaths, with a death rate of ·4, against ·7 in 1907, ·4 in 1906, and ·7 in 1905.

INFECTIOUS DISEASES.

The new cases of infectious diseases that have been notified during the year are shown in Table III.

Forty-three cases have been notified during the year, against 42 in 1907, 67 in 1906, 68 in 1905, and 87 in 1904.

The death rate from the seven principal infectious diseases was 1·2, against ·7 in 1907, ·9 in 1906, ·79 in 1905, and 2·1 in 1904. Whooping cough caused 6 deaths and measles 2.

TYPHOID FEVER.

Six cases of Typhoid were notified during the year, 3 in Clifton and 3 in Flixton, One of the cases proved fatal in Flixton and one in Clifton.

Of the three cases in Clifton, two were at houses with privy middens, and these have since been converted into water closets.

Of the three cases in Flixton, the first had previously suffered from the disease, the second was a contact case, and the third occurred a week after returning from a visit to Ipswich.

SCARLET FEVER.

The number of Scarlet Fever notifications was 19, against 28 in 1907, 52 in 1906, 37 in 1905, and 43 in 1904

No death resulted from Scarlet Fever.

DIPHTHERIA.

The number of Diphtheria and Membranous Croup cases notified was 7, against 2 in 1907, 4 in 1906, 16 in 1905, and 30 in 1904.

One case of Membranous Croup proved fatal in Clifton.

SMALL-POX.

No case has occurred. We have a contract with the Salford Corporation for removal to their hospital of any case which might arise.

METHOD OF DEALING WITH INFECTIOUS DISEASE.

Each case notified is visited as early as possible; islolation is enjoined, either at home or by removal to the Ladywell Sanatorium, and all children from the infected house are prevented from attending school until such time that a certificate of freedom of the house from infection is issued to the Schoolmaster.

Disinfection of wearing apparel, discharges, drains, and privies is carried out, and at the termination of the illness the room and its contents are thoroughly fumigated, either with sulphur or formaldehyde gas; such articles as require it being submitted to Lyon's superheated steam disinfector, or destroyed and compensation granted.

Disinfectants, free of cost, are provided in each township. Careful inspection of the premises is always carried out, and defects, temporal or structural, are rectified.

A precautionary notice and a list of suggestions for preventing the spread of infectious diseases is delivered at the house when the case is visited.

SCHOOL CLOSURE.

School closure has not been necessary during the year.

WATER SUPPLY.

The whole district, except a few scattered dwellings, is supplied by town's water, partly by Manchester and partly by Bolton.

SCAVENGING.

At Clifton, the emptying of ashpits and disposal of house refuse is carried out in a satisfactory manner by a contractor.

At Flixton, the Council undertakes the duty of dealing with all ashpits, a contract being made for the necessary team labour, the Council employing its own manual labour.

At Davyhulme, the Council have undertaken the emptying of ashpits and disposal of house refuse by contract.

At Barton Moss, the occupiers are mostly farmers, who attend to this work themselves.

OFFENSIVE TRADES.

One works for Tallow Melting, in Trafford Park, is in operation under Section 112 of the Public Health Act, 1875.

SLAUGHTER-HOUSES AND DAIRIES.

The Slaughter-houses and Dairies have been duly inspected and found satisfactory, with the exception of two Dairies and one cowshed which required limewashing.

A case of an unregistered cowkeeper using an insanitary wooden shed in Davyhulme came under notice. The premises, being totally unfit for the purpose used, were duly closed.

SALE OF FOOD AND DRUGS ACT.

Thirty samples under the sale of Food and Drugs Act were purchased in the district during the year. All were certified by the Public Analyst as genuine with the exception of one sample of whisky. The prosecution in this case was withdrawn on payment of costs.

HOUSING OF THE WORKING CLASSES ACT.

One house unfit for human habitation came under notice during the year. This was closed voluntarily by the Manchester Corporation, the house being situated on the Corporation Sewage works.

FACTORY AND WORKSHOPS ACT, 1901.

The sanitary condition of the workshops and work places has not called for any special action.

Section 22 of the Public Health Acts Amendment Act, 1890, is in force in the district, the standard for females being 1 to 20 employed, and for males 1 to 30 employed.

There are no cases of overcrowdiug, the places on the register being of recent construction and satisfactory in condition.

Want of cleanliness was found in two instances, and this was remedied.

No case of infectious disease has arisen in connection with any of the places on the register.

Only two of the bakehouses in the district are underground, and they are in order.

The Table supplied by the Secretary of State is appended, duly filled in.

A. E. BERRY, M.D. (Lond.),
M.R.C.S. (Eng.), L.R.C.P. (Lond.),
Medical Officer of Health.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises	Number of		
	Inspections	Written Notices	Prosecutions
Factories	...	...	...
Workshops	52	2	...
Workplaces	...	...	...
Total	52	2	...

2.—DEFECTS FOUND.

PARTICULARS	Number of Defects			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
Nuisances under the Public Health Acts :—				
Want of cleanliness	2	2	...	...
Want of ventilation	...	...	...	...
Overcrowding	...	...	...	...
Want of drainage of floors	...	...	...	...
Other nuisances	...	...	...	...
Sanitary accommodation: insufficient	...	...	...	...
Sanitary accommodation: unsuitable or defective ...	...	...	...	...
Sanitary accommodation: not separate for sexes ...	...	...	...	...
Offences under the Factory and Workshop Act :—				
Illegal occupation of underground Bakehouse (s. 101)	...	...	...	...
Breach of special sanitary requirements for Bakehouses (ss. 97 to 100) ...	...	...	...	...
Other offences	...	...	...	...
Total	2	2	...	...

3.—HOME WORK.

NIL.

4.—REGISTERED WORKSHOPS.

	Number
Workshops on the Register (s. 131) at the end of the year—	
Bakehouses	6
Laundries	2
Tailors and Dressmakers	3
Hamper Makers	2
Joiners and Wheelwrights	4
Smithy	1
Petroleum-Barrelling Works	7
Boot Repairing and Clog Making	1
Total number of Workshops on Register ...	26

5.—OTHER MATTERS.

Underground Bakehouses (s. 101)—

In use at the end of the year	2

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICTS DURING 1908 AND PREVIOUS YEARS.

BARTON-UPON-IRWELL RURAL.

Year	Population estimated to Middle of each Year	Births		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District	Deaths of Non-residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age		At all Ages						
		Number	Rate*	Number	Rate per 1,000 Births registered	Number	Rate*				Number	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1898	7794	205	26	27	131	106	13	...	...	...	...	...
1899	7885	203	25	30	147	99	12	...	...	...	...	...
1900	7976	209	26	29	138	117	14	...	...	9	126	15
1901	8068	192	23	19	98	103	12	..	...	9	112	13
1902	8244	213	25	25	117	120	14	...	...	18	138	16
1903	8484	216	25	28	129	97	11	...	...	11	108	12
1904	8694	231	26	37	160	129	14	...	...	13	142	16
1905	8754	215	24	22	102	98	11	...	..	12	110	12
1906	8864	218	24	14	64	89	10	...	...	7	96	10
1907	9030	241	26	20	82	115	12	...	...	12	127	14
Averages for years 1898-1907	8379	214	25	25	116	107	12	...	...	...	...	...
1908	9150	189	20	19	100	123	13	..	...	5	128	14

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 6,865

Total population at all ages.....8,068
Number of Inhabited Houses 1,726
Average number of persons per house ... 4·6
} At Census of 1901.

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District	III. Other Institutions, the deaths in which have been distributed among the several localities in the District
	1. The Union Infirmary, Patricroft Workhouse	Ladywell Sanatorium, Salford.
	2. Urmston Cottage Hospital	
	3. Manchester Royal Infirmary	
	4. Pendlebury Children's Hospital	
	5. Salford Royal Hospital	

Is the Union Workhouse within the District? No.

TABLE II.—Vital Statistics of Separate Localities in 1908 and Previous Years.

BARTON-UPON-IRWELL RURAL DISTRICT.

Names of Localities	Whole District				Barton Moss				Davyhulme				Flixton				Clifton			
Year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year
1898 ...	7794	205	106	27	235	3	3	1	1270	28	12	4	3395	83	30	8	2900	91	61	14
1899 ...	7885	203	99	30	235	5	2	2	1257	22	14	4	3482	83	36	10	2920	93	47	14
1900 ...	7976	209	126	29	235	11	1	...	1244	27	22	3	3569	91	45	9	2920	80	58	17
1901 ...	8068	192	112	19	234	4	5	1	1231	30	18	2	3656	88	42	6	2947	70	47	10
1902 ..	8244	213	138	25	234	5	3	...	1240	15	16	2	3800	101	66	12	2970	92	53	11
1903 ..	8484	216	108	28	234	7	5	1	1250	31	12	3	4000	105	45	10	3000	73	46	14
1904 ...	8694	231	142	37	234	7	2	1	1330	34	28	7	4100	101	55	8	3030	89	57	21
1905 ...	8754	215	110	22	234	4	4	2	1330	33	24	5	4150	105	42	5	3040	73	40	10
1906 ...	8864	218	96	14	234	7	2	1	1340	36	17	6	4210	98	40	3	3080	77	37	4
1907 ...	9030	241	127	20	234	5	6	...	1370	36	25	5	4320	129	46	9	3106	71	50	6
Averages of Years 1898 to 1907 ..	8379	214	116	25	234	5·8	3·3	·9	1286	29·2	18·8	4·1	3868	98·4	44·7	8	2991	81	49	12
1908	9150	189	128	19	234	4	3	1	1400	35	15	1	4390	92	65	11	3126	58	45	6

TABLE III.—Cases of Infectious Disease notified during the Year 1908.

BARTON-UPON-IRWELL RURAL DISTRICT.

Notifiable Diseases	Cases notified in whole district							Total cases notified in each locality				No. of cases removed to hospital from each locality				Total Cases Removed to Hospital
	At all Ages	At Ages—Years.														
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards	Barton Moss	Clifton	Davyhulme	Flixton	Barton Moss	Clifton	Davyhulme	Flixton	
Small-pox	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ... / Membranous croup	7	...	4	2	1	...	...	...	1	...	6	..	...	...	...	...
Erysipelas	10	...	...	1	1	6	2	1	5	1	3	...	...	1	...	1
Scarlet fever	19	...	1	18	...	...	...	...	15	1	3	...	3	...	...	3
Typhus fever	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric fever	6	...	...	...	1	5	...	...	3	...	3	...	...	...	2	2
Relapsing fever ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Puerperal fever ...	1	...	...	...	...	1	...	...	...	...	1	..	..	...	...	...
Plague...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Totals	43	...	5	21	3	12	2	1	24	2	16	...	3	1	2	6

Isolation Hospital—Name and Situation: By arrangement with Salford Corporation at Ladywell Sanatorium and their Smallpox Hospital. | Total available Beds 5, and 2 for Smallpox.

Number of Diseases that can be concurrently treated:—All Notifiable Diseases.

TABLE IV.—Cause of, and Ages at, Death during Year 1908.

BARTON-UPON-IRWELL RURAL DISTRICT.

CAUSES OF DEATH	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District							Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond the district			
	All ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Barton Moss	Davyhulme	Flixton	Clifton
1	2	3	4	5	6	7	8	9	10	11	12
Small-pox	...	...	..	...	...	...	...	...	...	...	...
Measles	2	...	1	1	...	...	...	...	1	1	...
Scarlet fever...	...	...	...	...	...	..	...	...	...	...	...
Whooping-cough	6	1	3	2	...	...	...	...	1	2	3
Diphtheria and Membranous croup ...	1	...	1	...	...	...	...	...	...	...	1
Croup	...	...	...	...	...	...	...	...	...	...	..
Fever — Typhus	...	...	...	...	...	...	...	...	...	...	...
Fever — Enteric	2	...	...	..	...	2	...	...	...	1	1
Fever — Other continued	...	...	...	...	...	...	...	...	...	...	...
Epidemic influenza	1	...	...	...	...	1	...	...	...	1	...
Cholera	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	...	...	...	...	...	...	...	...	...	...	...
Enteritis	1	...	...	...	...	1	...	..	..	...	1
Puerperal fever	1	...	...	...	...	1	...	...	...	1	...
Erysipelas	1	...	...	...	...	...	1	...	...	...	1
Phthisis (Pulmonary Tuberculosis) ...	4	...	...	1	1	2	...	...	...	1	3
Other tubercular diseases	10	1	2	1	1	5	...	2	2	2	4
Cancer, malignant disease	4	...	...	...	...	1	3	...	1	2	1
Bronchitis	4	...	...	...	...	2	2	...	...	2	2
Pneumonia	14	3	1	...	1	6	3	1	...	7	6
Pleurisy	...	...	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs ...	...	...	...	...	...	...	..	...	...	...	..
Alcoholism / Cirrhosis of Liver	2	...	...	...	...	2	...	...	...	2	...
Venereal Diseases	...	...	...	...	...	...	...	...	..	...	...
Premature birth	6	6	...	...	...	...	...	...	1	4	1
Diseases and accidents of parturition ...	2	...	...	...	...	2	...	...	...	1	1
Heart diseases	13	1	...	...	3	7	2	...	1	7	5
Accidents	5	1	1	...	...	2	1	...	2	1	2
Suicides	1	...	...	...	...	1	...	...	...	1	...
All other causes	48	6	2	1	...	9	30	...	6	29	13
All causes	128	19	11	6	6	44	42	3	15	65	45

TABLE V. BARTON-UPON-IRWELL RURAL DISTRICT.

Infantile Mortality during the Year 1908.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH	Undr 1 Wk	1-2 Wks	2-3 Wks	3-4 Wks	Total under 1 Month	1-2 Mths	2-3 Mths	3-4 Mths	4-5 Mths	5-6 Mths	6-7 Mths	7-8 Mths	8-9 Mths	9-10 Mths	10-11 Mths	11-12 Mths	Total D'ths under 1 Year
All Causes Certified	7	...	2	2	11	1	2	...	1	2	2	...	...	...	...	...	19
All Causes Uncertified	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases—																	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	.	...	...	...	...	..	...	...
Measles	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	..	...
Scarlet Fever	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	..	...	...	...	...	...	..	...	1	...	..	.	...	...	1
Diarrhœal Diseases—																	
Diarrhœa, all forms ... ...[teritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis, Muco-enteritis, Gastro-en-	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastritis, Gastrointestinal Catarrh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases—																	
Premature Birth	6	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	6
Congenital Defects	...	...	1	...	1	...	1	...	...	...	...	...	...	. .	...	...	2
Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Want of Breast Milk, Starvation ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus... ...	...	*...	1	2	3	1	...	...	...	...	...	...	...	...	..	...	4
Tuberculous Diseases—																	
Tuberculous Meningitis ...[terica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Peritonitis, Tabes Mesen-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Other Causes—																	
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (*Not Tuberculous*)	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Convulsions	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia	...	...	...	...	...	...	1	...	...	1	1	...	...	...	...	...	3
Suffocation, overlying	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Other Causes	1	...	...	...	1	...	...	..	...	...	...	...	...	...	...	...	1
	7	...	2	2	11	1	2	...	1	2	2	...	...	...	...	...	19

BARTON-UPON-IRWELL RURAL DISTRICT. Population, estimated to middle of 1908, 9150.

Births in the year—Legitimate, 183; Illegitimate, 6. Deaths in the year of Legitimate Infants, 19; Illegitimate Infants, none.

Deaths from all Causes at all Ages, 128.

SURVEYOR'S REPORT.

SURVEYOR'S OFFICE,
PATRICROFT,
February 15th, 1909.

To the Chairman and Members of the Barton-upon-Irwell Rural District Council.

GENTLEMEN,

I beg to submit my Annual Report of the work executed in your District during the past year, 1908.

FLIXTON PAROCHIAL COMMITTEE.

JOHN HUNTER, Esq., Chairman.

BYE-LAW PLANS.

Plans have been laid before the Committee and approved for :—

New Streets	Dwelling Houses	Other Buildings
0	17	5

The number of dwelling houses erected in Flixton during the past year was 19.

The following Table gives the number of houses erected in this district during the last ten years :—

1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
53	62	33	31	15	6	79	63	24	19

The Parochial Committee has under its charge 6 miles, 2 furlongs, and 194 yards of highways, comprising 4 miles, 1 furlong, and 35 yards of secondary roads, *i.e.*, roads towards

which the County Council makes a grant in aid; and 2 miles, 1 furlong, and 159 yards of other roads, which are maintained wholly at the cost of the Parochial Committee.

The roads are as follows:—

Roads	County Council Reference No.	Grant	Name of Road	Length		
				Miles	Furlongs	Yards
		£				
Secondary Roads	350	100	Irlam			
			Church	2	4	112
			Flixton			
	351	24	Woodsend	...	6	99
	352	46	Flixton	...	6	44
				4	1	35
Other Roads.....			Goldsworthy Road ...	...	...	177
			Whitelake Avenue ...	...	...	290
			Moorside Road	...	1	176
			Western ,, ...	...	1	88
			Carrington ,, ...	...	2	100
			Brook ,, ...	...	1	198
			Chassen ,, ...	...	3	198
			Lime Avenue	...	...	188
			The Hollies	...	...	72
			Back Streets	...	1	11
			Princess Road	...	1	124
			Back Barton Avenue, North and South ...	...	...	77
				2	1	159

The following works upon highways have been carried out during the past year:—

WOODSEND ROAD (Part of Secondary Road No. 351).

A new 9in. surface water sewer, 270 yards in length, has been laid from near Greenfield Terrace to Irlam Road, and the cost of this and of the new gullies and branch drains thereto has amounted to £71 19s. 0d.

New 12in. x 7in. kerbing for a length of 520 yards along the West side of the road from a point near Irlam Road to the end of Moorside Road, has been laid with new channelling of 6in. setts 18in. wide.

On the East side edgings have been laid, and new channels also laid for a length of 200 yards. These works have cost £168 13s. 7d.

The Roadway has been macadamized from Irlam Road to Moorside Road, at a cost of £132 10s. 0d.

Brook Road.

The widening of Brook Road on the West side, from Beech Avenue to Moorside Road to a width of 12 yards, has been carried out, a quick edge planted, and a post and rail fence erected to protect same. New 12in. x 7in. kerbs and sett channels have been laid and the path formed. The garden wall of Mr. Bennett's property abutting on Brook Road has been set back and rebuilt. The cost of these works was £78 8s. 6d. A length of 300 yards of roadway has also been macadamized at a cost of £85 0s. 0d.

Flixton Road (Part of Secondary Road No. 352).

A strip of land fronting Mr. R. M. Westwell's two new semi-detached houses, near the end of Spennithorne Road, 49 yards in length and 3 yards in width, has been purchased, making Flixton Road 12 yards wide for this length, and the work of laying this to the road, kerbing and channelling will shortly be carried out. The cost of these works is estimated at £20 5s. 6d., exclusive of the cost of the land (£46 1s. 10d).

Church Road (Part of Secondary Road No. 350).

A length of roadway from Mr. Josiah Smith's house to the Golf Club House, and also from Lever Street to Chassen Road, has been macadamized at a cost of £184 13s. 0d., and the footpaths have been repaired.

A length of new 12in. x 7in. kerb and channelling will be carried out, before the close of the financial year, in a Westerly direction from the Urmston boundary.

Alderley Road.

The work of making up, sewering, draining, kerbing, flagging and macadamizing this road, under Section 150 of the Public Health Act, 1875, has been commenced, and is now nearing completion, the estimated cost being £866 15s. 1d.

Goldsworthy Road.

A Local Government Board Inquiry was held by Mr. M. K. North, on 25th of August last, into the objections of certain frontagers to the amounts apportioned upon them, but the decision of the Local Government Board has not yet been made known.

Carrington Road Widening.

The work of widening this road has been commenced and the new boundary wall to the Rectory garden has been completed and the fencing to the field from the Rectory garden (to the end of Parsonage Road) has also been completed.

A length of 140 yards of the road, from the culvert under the road, near the new River Bridge in a North-easterly direction, has also been commenced and will shortly be completed.

A Contract for the construction of 43 yards of brick culvert, 2ft. 6ins. diameter, along the North side of Mr. W. Royles' land has also been let to Messrs. Whittaker Bros., contractors, and is in hand.

A further length of 43 yards of the brook will be piped in with socketed pipes, 2ft. 6ins. diameter.

Unfortunately the whole of the land required for the completion of the widening, according to the Agreement with the

Lancashire County Council, has not yet been obtained, owing to various causes, and there still remain four owners with whom purchases of land remain to be concluded, viz. :—Messrs. S. W. Wright, Jno. Beckwith, Jno. Birch, and Mr. Brockbank. It is expected that these will shortly be concluded, when it will be possible to complete the whole scheme.

In May, 1908, a length of wrought iron hurdle fencing was fixed along the South side of Carrington Road, from the New River Bridge to the culvert, at the Western end of Carrington Road, and at a later date the parapet wall of the culvert itself was protected by a wooden fence. The cost of these works was £15.

A street sweeping machine was purchased in November last, and is found very useful on the macadam roads.

The various footpaths in the district have been repaired, and the ordinary work of highway repair and maintenance have been attended to.

DAVYHULME PAROCHIAL COMMITTEE.

THOMAS MOSEDALE, Esq., Chairman.

The following plans have been laid before and approved by the Committee :—

New Streets	Dwelling Houses	Other Buildings	Works
0	3	4	4

The following Table gives the number of houses built in Davyhulme during the past ten years :—

1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
0	0	0	4	17	22	8	0	0	3

No Private Street Improvement Works have been executed in this Township during the past year.

Highways.

The Committee has under its charge 5 miles, 1 furlong, and 56 yards of highways, made up of Secondary Roads receiving a grant from the County Council in aid, and other roads, the cost of which is wholly borne by the Committee, as follows:—

Roads	County Council Reference No.	Grant	Name of Road	Length		
				Miles	Furlongs	Yards
		£				
Secondary Roads	351	42	Davyhulme Lane ...	1	3	7
	351	12	Crofts Bank Road ...	...	3	30
	349	18	Moss Road	...	2	109
				2	0	146
Other Roads ...			Redcliffe Road	...	5	130
			Bent Lanes	1	1	...
			Moorside Road	1	2	...
				3	..	130

The following works have been carried out on the highways during the past year:—

Davyhulme Road (Part of Secondary Road No. 351).

A length of 12in. x 7in. kerb and 18in. wide paved channelling has been laid opposite Davyhulme Church, and the footpath formed, on land given up for the widening of the road at this point, at a cost of £19 4s. 0d.

Further macadamizing and repairing of channels will be proceeded with on this road before the end of the financial year.

Crofts Bank Road (Part of Secondary Road No. 351).

A 12in. diameter surface water sewer has been laid from the Nag's Head Hotel for a length of 380 yards, and 25 new gullies with the necessary branch drains have been fixed, the channelling and macadamizing of the roadway are in hand, and will be completed before the end of the financial year, at a cost of £139 0s. 0d. The cost of the surface water sewer and gullies has been £162 11s. 0d.

Davyhulme Main Road.

Barton Road, from the Barton Bridge to the Stretford Boundary at Lostock, measuring 2 miles, 3 furlongs, and 13 yards, is repaired by the Rural District Council as Contractors to the County Council. During the past year a length of about 400 yards, from St. Catherine's Church to Bromyhurst, has been coated and steam-rolled, at a cost of £120 1s. 10d. A length of roadway near the Lostock boundary has also been coated and steam-rolled.

The paths from Barton Bridge to Crofts Bank have also been repaired with cinders, gravel, and limestone chippings.

Redclyffe Road.

The footpaths in this road have been repaired throughout with cinders, gravel, and limestone chippings.

Trafford Park.

During the past year considerable buildings for iron-works, etc., have been erected in Trafford Park and a length of about ¾ mile of Ashburton Road has been constructed and paved with granite on concrete underbed. Should the Trafford Park district develop by construction of further industrial works, as seems very probable, it will, in my opinion, become necessary to devise a scheme for the conveyance of the sewage of this district to the Manchester Corporation Sewage Works,

as already agreed upon with the corporation, since the construction of separate systems of treatment of Sewage for each industrial works cannot be looked upon as satisfactory.

I have completed the surveys and estimates for the sewerage of Davyhulme, and these are now before the Local Government Board. The total estimate for these works is £9,850, and a Local Government Board Inquiry as to the proposed loan will probably take place at an early date.

I have also in hand the surveys for a scheme of road widening in Croft's Bank Road, Davyhulme Road and Moorside Road, and hope to submit the plans thereof for your consideration shortly.

During the dry weather of the past summer, the Barton Main Road and Liverpool Road and portions of the Secondary Roads were treated with a solution of calcium chloride, and the results were satisfactory. The cost is about that of repeated watering, and it is proposed to continue this treatment in the event of dry weather in the future.

Barton Moss.

You have a length of 1 mile, 6 furlongs, 98 yards of County Main Road, for which you receive £160 for maintenance.

A length of the macadam, near the Corporation Depôt and Railway, has been repaired and newly covered.

I have suggested to the County Surveyor that the existing grit setts should be gradually replaced with granite which alone will, in my opinion, carry the heavy motor traffic now traversing this road.

The following Table gives the number of houses built during the last ten years:—

1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
0	7	0	1	0	0	0	0	0	0

No plans for new building have been submitted for approval during the past year.

No new buildings have been erected in this district during the past year.

Unemployed Colony.

The wooden buildings, formerly occupied by the men employed by the Manchester Corporation Distress Committee, have been removed owing to the failure of the experiment of the Committee in putting men of the class to work upon the land, and the colony no longer exists.

CLIFTON.

You repair the Main Road (Manchester Road), which has a length of 1 mile, 3 furlongs, 23 yards, and the County Council grant for this is £100.

The County Council's Contractor, Mr. Starkey, completed his contract for repaving the granite paving in August last, and the roadway is now, except in some small areas, in fair condition. The paving along the tramway metals has also been made good.

You also have one Secondary Road (Rake Lane) No. 326, for which you receive a grant in aid of £40 from the County Council.

The length of this road is 1 mile, 0 furlongs, and 136 yards.

The following is a list of the other roads and highways which are maintained by you:—

	Fur.	Yds.
Billy Lane	1	80
Vickers Street	0	158½
Berry Street	0	102½
Richmond Street	0	45
Holt Street	0	44
Back Richmond Street	0	24
Back Manchester Road South	0	113
Back Manchester Road	0	45
Lomax Street	0	110
Back Berry Street	0	45
Gaskell Street	0	66½
Back Vickers Street	0	100
Rose Hill Street	0	108⅔
Side Street A	0	20

	Fur.	Yds.
Back Passage off Holt Street	0	17
Wroe Street	0	110⅔
Lomas Street, off Wroe Street	0	27
Back Manchester Road, off Wroe Street	0	30
Back Manchester Road, off Wroe Street	0	27
Cotton Street	0	56
Fitton Street	0	88½
Battery Street	0	108
Back Fitton Street, South	0	37½
Clough Street	0	65
Back Fitton Street, North	0	33⅓
Back Cotton Street	0	38
Back Manchester Road, North	1	72⅓
Side Street No. 1	0	89
Side Street No. 2	0	29
Thomas Street	0	29
Side Street No. 4	0	29
Side Street No. 5	0	29
Back New Rake Lane	0	10
Miles	2 5	120

The following Table gives the number of houses erected in Clifton during the last ten years:—

1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
0	0	0	0	0	4	0	0	0	3

The following plans have been laid before and approved by you:—

New Streets	Dwelling Houses	Other Buildings
0	3	1

Coppice Clough Sewage Works.

These works have continued to give good results by producing a satisfactory effluent. One filter bed has been recovered with new cinders. These Works were constructed in 1891, and have since been in constant use.

Unity Brook Filter Beds.

The two lower compartments of this former septic tank have been converted into cinder filters, the first compartment remaining as a sedimenting tank. Some difficulty yet exists in obtaining a satisfactory effluent, owing to the beds being rather

small for their work, and the sewage very foul. I propose to use a small quantity of aluminoferric cake to clarify the sewage before it passes to the beds, and hope by this means to further improve the quality of the effluent.

Main Sewers.

The lengths of your Main Sewers are as follows:—

	M.	F.	Yds.
Main trunk sewers	1	3	96
New intercepting sewer	0	1	180
Tributary sewers	1	3	187
Total...	3	1	23

The main sewers are constantly receiving attention, and are flushed and cleansed periodically.

General.

The routine work of your District, including repairs to highways, the supervision of building plans and buildings in course of erection, sewers, drains, and outfall sewage works have been satisfactorily carried on during the past year.

I am, Gentlemen,
Your obedient Servant,

A. H. MOUNTAIN,
Assoc. M. Inst. C.E.,
Surveyor.

February 15th, 1909.

SANITARY INSPECTOR'S REPORT.

INSPECTOR'S OFFICE, PATRICROFT,
February 25th, 1909.

To the Chairman and Members of the Barton-upon-Irwell Rural District Council.

GENTLEMEN,

I have the honour to submit herewith my Second Annual Report.

The work has been carried out on much the same lines as in previous years, and it is pleasing to report that it has not been necessary to seek magisterial assistance in any of the various matters dealt with.

Table I. summarises the year's work in so far as it is possible to put same in tabular form.

It only needs a glance at the aforementioned table to show the utmost importance of the necessity for constant inspection of the district, particularly those parts where the populations is most closely housed.

TABLE I.

	Barton Moss	Clifton	Davy-hulme	Flixton	Total
I.—COMPLAINTS RECEIVED	2	5	4	8	19
II.—INSPECTIONS MADE—					
Dwelling Houses	5	30	12	51	98
Schools	...	2	2	5	9
Yards	...	50	15	25	90
Privies and Ashpits	...	35	20	25	80
Drainage	...	15	19	32	66
Water Courses	...	...	10	...	10
Unemployed Colony	15	...	...	...	15
Water Supply	...	5	...	...	5
Dairies and Cowsheds	10	10	22	7	49
Workshops	...	9	19	24	52
Slaughterhouses	...	15	...	46	61
Miscellaneous	...	49	23	62	134

TABLE I.—(*Continued*).

	Barton Moss	Clifton	Davyhulme	Flixton	Total
III.—Infectious Disease—					
No. of Cases Inquired Into	1	24	2	16	43
,, Re-visited	..	15	3	7	25
,, Removed to Hospital	...	3	1	2	6
No. of Houses Disinfected	1	19	1	11	32
IV.—Privies, Water Closets, &c.—					
Privies Repaired	..	19	5	2	26
Privies Converted to W.C.'s	...	8	...	20	28
W.C.'s Provided in lieu of Privies	...	4	...	19	23
New or Additional Bins Provided	...	...	2	28	30
Additional W.C.'s Provided	...	1	...	3	4
V.—Miscellaneous—					
Houses Closed	...	...	1	...	1
Water Courses Cleansed	...	...	1	...	1
Overcrowding Abated	...	1	2	...	3
Houses Repaired after Notice	4	5	4	9	22
Cesspools Emptied after Notice	..	1	5	1	7
Cesspools Reconstructed	...	1	2	1	4
House Drains Tested	...	9	5	18	32
,, Repaired or Reconstructed	1	10	7	25	43
Houses with Insufficient Water Supply	...	1	...	...	1
Yards Cleansed	1	6	10	4	21
Accumulations Removed	...	2	2	...	4
Workshops Requiring Cleansing and Limewashing	...	1	...	1	2
Bakehouses Requiring Limewashing	...	...	...	1	1
Cellars Cleansed	...	...	...	6	6
Smoke Observations Taken	..	...	3	5	8
Dairies and Cowsheds Requiring Limewashing	...	2	1	...	3
Notices Served	1	11	6	19	37

CLIFTON.

In this part of your district, the collection and disposal of domestic refuse is in the hands of a contract, but whenever practicable this work is best carried out by the local authority, yet I am pleased to record the fact that the present contractor has done his work satisfactorily during the past year.

DAVYHULME.

The removal of house refuse in this district is also let by contract, and the work is carried out in a satisfactory manner.

The cleansing of Carr's Ditch has been carried out at the joint cost of Davyhulme and Urmston.

No compaints have been made with regard to the Tallow Melting Works in Trafford Park, erected under Section 112 of the Public Health Act 1875.

One house unfit for human habitation has been closed, under the Housing of the Working Classes Act.

FLIXTON.

The collection and disposal of domestic refuse in this Township has been carried out as in previous years, viz:—The Team Labour is let by contract, and the refuse receptacles are emptied by men employed by the Council.

The number of dust bins are increasing rapidly, due to the abolition of the Privy Midden, and the provision of a galvanized dust bin for each new house erected.

The number of refuse receptacles will be seen on reference to Table II.

TABLE II.

Wet Pits		Dry Pits		Bins	TOTAL
Double	Single	Double	Single		
126	115	61	105	521	928

During the year 739 loads of refuse were removed from Ashpits and 634 loads from portable bins; of these 1044 loads were taken to the refuse tip and 329 loads to farms.

Slaughter-Houses.

There are five licensed slaughter-houses in the district, three in Flixton, and two in Clifton.

Sixty-one visits have been made to these premises during the year, and they continue to be kept in fairly good condition.

Dairies and Cowsheds.

The number and names on the register, as Cowkeepers and Purveyors of Milk, are :—

Barton Moss.	Clifton.	Davyhulme.	Flixton.	Total.
5	10	9	12	36

During the year 49 visits have been made to these premises: in three instances it was found necessary to draw the occupiers attention to the regulations having reference to cleansing and limewashing; with these exceptions the said regulations were duly complied with.

In Davyhulme, a case of an unregistered Cowkeeper using an insanitary wooden building as a cowshed came under notice; the building was overcrowded, without drainage, no proper ventilation, and when the door was closed in total darkness. A worse condition of things existing at these premises could hardly be imagined.

Prompt action to discontinue using the building as a cowshed was duly complied with.

Sale of Food and Drugs Acts.

TABLE III.

No. Purchased	Nature of Sample	Genuine	Adulterated	Amount of Fine and Costs	Remarks
				£ s. d.	
2	Coffee	2	...	...	
17	Milk	17	...	...	
5	Whiskey ...	4	1	0 11 0	Withdrawn on payment of costs.
4	Butter	4	...	...	
1	Lard	1	...	...	
1	Rum	1	...	...	
30		29	1	0 11 0	

The above statement of samples purchased in the district by the County Police has been furnished by Mr. Superintendent Keys.

Infectious Diseases.

The number of houses reported as containing one or more cases of infectious disease will be seen on reference to Table IV., also a comparison with previous years.

Table V. gives a monthly record of the cases occurring in each Township.

TABLE IV.

Nature of Disease	1903	1904	1905	1906	1907	Average for 5 years	1908
Scarlet Fever	36	36	31	38	21	32·4	17
Diphtheria	44	22	14	3	1	16·8	5
Croup	1	1	...	1	1	·8	1
Puerperal Fever	...	...	1	1	...	·4	1
Enteric Fever	3	4	3	5	1	3·2	6
Erysipelas	9	10	11	5	10	9·0	7
Total	93	73	60	53	34	62·6	37

TABLE V.

Nature of Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total
Barton Moss.													
Erysipelas	...	...	1	...	...	...	...	...	...	...	...	...	1
Total	..	...	1	...	...	...	...	...	...	...	...	...	1
Clifton.													
Scarlet Fever	...	2	2	3	2	...	3	1	...	...	2	...	15
Croup	1	...	...	...	...	...	...	...	...	...	...	...	1
Enteric	1	1	1	...	...	...	...	...	...	...	...	...	3
Erysipelas	...	2	...	...	..	...	2	1	...	...	...	...	5
Total	2	5	3	3	2	...	5	2	...	...	2	...	24

TABLE V.—*(Continued).*

Nature of Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total
Davyhulme.													
Scarlet Fever....	...	...	1	...	...	...	...	...	...	...	...	...	1
Erysipelas	...	...	...	...	...	...	...	...	...	...	1	...	1
Total.....	...	...	1	...	...	...	...	...	...	...	1	...	2
Flixton.													
Scarlet Fever....	...	...	...	...	1	1	...	1	...	...	...	...	3
Diphtheria.....	...	...	1	...	...	...	2	...	...	...	1	2	6
Enteric	...	...	...	...	...	...	...	2	...	...	...	1	3
Erysipelas	1	...	...	...	...	...	...	1	...	...	...	1	3
Puerperal.....	...	...	...	...	...	...	...	..	...	...	1	...	1
Total.....	1	...	1	...	1	1	2	4	...	..	2	4	16
Total for all Districts...	3	5	6	3	3	1	7	6	...	...	5	4	43

Three cases of Scarlet Fever, two cases of Enteric, and one case of Erysipelas were removed to Ladywell Sanitorium.

Bedding from 28 houses has been disinfected at Mode Wheel Disinfecting Station. Thirty-two houses have been disinfected.

The free distribution of Disinfectants from convenient centres in each Township still continues, and is much appreciated by the inhabitants.

Hackney Carriages.

The Hackney Carriages and Drivers Licenses held at Flixton during 1907 were all renewed, no complaints being received in respect of same.

In Davyhulme, a Taxi-cab and Drivers' Licence was issued.

Petroleum Acts.

The Davyhulme Committee have considered and approved application for Licences as follows :—Motor Spirit, two works; Petroleum Spirit, one works; Carbide of Calcium, one works; one application to store Petroleum Spirit was disapproved.

One application was made to the Flixton Committee to store Motor Spirit and same approved.

Public Lighting.

Four New Lamps have been erected in Davyhulme Road, Davyhulme; one in Barnfield, Flixton; and one near Wet Earth Colliery, Clifton.

No extra Lamps have been erected in Barton Moss.

The number of Lamps in each district, and where the gas supply is derived from, will be seen on reference to the following table :—

District	Number of Lamps	Gas Supplied By
Barton Moss.....	17	Salford Corporation
Clifton	60 9	Salford Corporation Clifton and Kearsley Coal Co. These 9 are supplied free of cost
Davyhulme	21 78	Salford Corporation Stretford Gas Company
Flixton	141	Stretford Gas Company
Total for all Districts...	326	

I am, Gentlemen,

Your obedient Servant,

G. PILKINGTON,

Cert. San. Inspt.; Cert. Meat and other Foods Inspt.